

BeamLine Operations and Safety Awareness (BLOSA) Checklist

Beamline X22A [] X22B [] X22C [] Rev. 12-1-2006

Visitors shall not use this BLOSA form - use the Visitor/Escort form at each entrance to the Experimental Floor. This BLOSA form is only for those individuals who will work on the beamline. They must have already completed NSLS access training, including GERT and the NSLS Safety Module (users) or Sci/Tech Module (beamline staff).

Confirm that Each User:

- ☐ **Checked in** at User Administration **OR** has **valid BNL ID Badge** encoded for experimental floor access
- ☐ Completed **NSLS Safety Training** and **GERT OR training is current**
- ☐ Obtained a **TLD** from either NSLS User Administration or the NSLS Control Room **ONLY IF** the user a) is Resident Beamline or NSLS Scientific/Professional/Technical staff, b) works in Bldg. 729, c) is a minor, i.e. under 18 years of age, d) has a declared pregnancy, e) is working with radioactive materials, f) is following other NSLS ESH requirements.
- ☐ Understands they are **NEVER** allowed to wear another person's TLD.

Emergency and Facility Safety

- ☐ **Emergency phone numbers:** Fire/Medical x2222, Security x2238, Control Rm x2550, Bldg. Manager x3476
- ☐ **Operations Coordinator** assistance: see instructions posted on hutch
- ☐ **Fire alarms:** **Evacuate** by nearest safe exit and meet on grass outside Main Entrance of Bldg. 725
- ☐ **Site alarms:** **Continuous Siren** — **Assemble** inside Main Lobby and Seminar Room.
Intermittent Siren — **Evacuate site** immediately; apartment residents go to Berkner Hall
- ☐ **Nearest exits**, route identification and walkdown ☐ **Eye wash/shower station** locations
- ☐ **TV monitoring channels** ☐ **Fire Extinguisher & Fire Alarm Pull Station** locations
- ☐ **Greenboard safety**

Beamline Safety

- ☐ **Beamline Safety** personnel are: Bill Schoenig x2377, Scott Coburn x7110, John Hill x3736, Ben Ocko x4299
- ☐ **Emergency STOP button** identification and purpose ☐ **Safety/Hutch interlock training**
- ☐ **Beamline enabling and pink cards** ☐ **Beamline safety checklist(s)**
- ☐ **Power failure response** and **circuit breaker** location ☐ **Experiment Safety Approval Form (SAF)**
- ☐ **Radiation hazards** and postings

Beamline Operation

- ☐ **Manuals and beamline documentation** location ☐ **Changing Energy**
- ☐ **LN Use and Fill Procedures (goggles and gloves)** ☐ **Beamline Log Book & Checkout Procedures**
- ☐ **Crane Operation (not authorized)** ☐ **Beamline Shielding**
- ☐ **BL Vacuum Changes (not authorized)** ☐ **Power failure/BL Vacuum & Ion Pumps**
- ☐ **Spectrometer Limits** ☐ **Configuration Control:** Limits for changes
- ☐ **Location-purpose of Proteus interlock panel** (water flow) ☐ "Check" routines (X22C) (BL, equipment, etc.)

Experimental Procedures

- ☐ **Gas** use, fill and storage procedures ☐ **Cryogenics** fill station and demonstrate use
- ☐ **Chemical** use, labeling and storage ☐ **Waste Removal**
- ☐ **Satellite Accumulation Area** ☐ **90 Day Storage Area**
- ☐ **Beryllium** handling and damage cleanup ☐ **Electrical:** no work on exposed parts above 50V

I understand the instructions given to me on beamline operations and safety awareness.

NSLS Policy: Each user must be instructed in the safe operation of this beamline. Instruction is valid for a maximum of two years. Beamline staff shall keep readily available all relevant instructions and safety literature. ADDITIONAL TRAINING and/or FORMAL WORK PLANNING may be required for lead handling, use of Class III or IV lasers, laboratory wet chemistry work, etc	Date	PRINT User Name	Guest #	Signature
DESIGNATED BLOSA TRAINERS for this beamline: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> J. Hill <input type="checkbox"/> B. M. Ocko <input type="checkbox"/> M. Fukuto <input type="checkbox"/> J. Turner </div> <div> <input type="checkbox"/> S. Coburn <input type="checkbox"/> E. Dimasi <input type="checkbox"/> S. Wilkins <input type="checkbox"/> M. Upton </div> <div> Trainer: Check your name here and sign at right </div> </div>				Trainer's Signature: